

CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

1. I, Nuggehalli Balmukund Nandkumar (a/k/a Nand Kumar), make this declaration pursuant to Section 27(a)(2) of the Securities Act of 1933 (the “Securities Act”) and/or Section 21D(a)(2) of the Securities Exchange Act of 1934 (the “Exchange Act”) as amended by the Private Securities Litigation Reform Act of 1995.

2. I have reviewed an Amended Complaint against AstraZeneca plc (“AstraZeneca” or the “Company”) and authorize the filing of a comparable complaint on my behalf.

3. I did not purchase or acquire AstraZeneca securities at the direction of plaintiffs’ counsel or in order to participate in any private action arising under the Securities Act or the Exchange Act.

4. I am still willing to serve as a representative party on behalf of a Class of investors who purchased or otherwise acquired AstraZeneca securities during the class period, including providing testimony at deposition and trial, if necessary. I understand that the Court has the authority to select the most adequate lead plaintiff in this action and has selected me as a co-lead plaintiff.

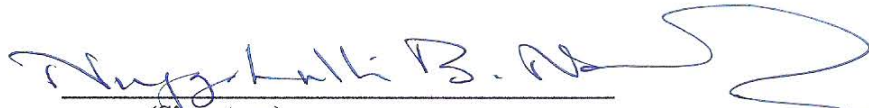
5. The attached sheet lists all of my transactions in AstraZeneca securities during the Class Period as specified in the Amended Complaint.

6. During the three-year period preceding the date on which this Certification is signed, I have not served or sought to serve as a representative party on behalf of a class under the federal securities laws.

7. I agree not to accept any payment for serving as a representative party on behalf of the class as set forth in the Complaint, beyond my pro rata share of any recovery, except such reasonable costs and expenses directly relating to the representation of the class as ordered or approved by the Court.

8. I declare under penalty of perjury that the foregoing is true and correct.

Executed 7/12/21
(Date)


(Signature)

Nuggehalli Balmukund Nandkumar

(Type or Print Name)

AstraZeneca Plc (AZN)

Nuggehalli Balmukund Nandkumar

List of Purchases and Sales

Transaction Type	Date	Number of Shares/Unit	Price Per Share/Unit
<u>Nuggehalli Balmukund Nandkumar</u>			
Purchase	7/17/2020	1,500	\$58.2150
Purchase	7/17/2020	2,500	\$58.1399
Purchase	7/21/2020	2,500	\$59.4750
Purchase	7/24/2020	2,500	\$55.5799
Purchase	8/4/2020	5,000	\$56.0142
Purchase	11/16/2020	5,000	\$56.5599
Purchase	11/24/2020	1,892	\$53.8400
Purchase	11/24/2020	2,408	\$53.8399
Purchase	11/24/2020	700	\$53.8350
Purchase	12/3/2020	5,000	\$52.4389
Sale	6/16/2020	(3,000)	\$53.6701
Sale	6/26/2020	(1,000)	\$53.3569
<u>Shawn Kumar</u>			
Purchase	10/23/2020	500	\$51.9898
Purchase	11/16/2020	900	\$56.7199
Purchase	11/16/2020	100	\$56.7100
Purchase	11/19/2020	2,000	\$54.1399
Purchase	11/24/2020	2,000	\$53.7197
Purchase	1/27/2021	200	\$52.1350
Purchase	1/27/2021	20	\$52.1350
Purchase	1/27/2021	100	\$52.1350
Purchase	1/27/2021	20	\$52.1350
Purchase	1/27/2021	40	\$52.1350
Purchase	1/27/2021	100	\$52.1375
Purchase	1/27/2021	100	\$52.1300
Purchase	1/27/2021	40	\$52.1399
Purchase	1/27/2021	40	\$52.1350
Purchase	1/27/2021	100	\$52.1399
Purchase	1/27/2021	100	\$52.1399
Purchase	1/27/2021	100	\$52.1300
Purchase	1/27/2021	100	\$52.1350
Purchase	1/27/2021	100	\$52.1300
Purchase	1/27/2021	400	\$52.1350
Purchase	1/27/2021	40	\$52.1390
Purchase	1/27/2021	100	\$52.1350
Purchase	1/27/2021	100	\$52.1350
Purchase	1/27/2021	100	\$52.1375
Purchase	1/27/2021	100	\$52.1399
Sale	11/10/2020	(500)	\$56.5501